

CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number:

I821250

HO

Product:

Structure:

CAS Number: 499-40-1

Synonym:

Molecular Formula:

C12H22O11

Molecular weight:

342.3

Source of Product:

N/A

Solubility:

NA

Lot Number: 1-PVA-181-1

Shipping Condition:

This Product Is Stable To Be Shipped At Room Temperature

OH

Purity:

Storage Condition:

4°C

97%

2. Warning

Warning 1:

Warning 2:

Warning 3:

%C: 40.07, %H: 6.61

White to Off-White Solid

3. Analytical Information

Tests:

MS

Specifications:

Elemental Analysis Conforms

NMR Conforms to Structure

Appearance

White to Off-White Solid

HPLC Purity

Conforms to Structure

Specific Rotation

Water Content

Report Result

Report Result

Report Result

99.92% (ELSD)

Results:

Conforms

Conforms

 $+107.5^{\circ}$ (c = 0.2, Water; 4 Hours)

~4.8% based on Elemental Analysis

Additional Information:

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of \pm 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By Reviewed By C of A Approved By

Test Date

Retest Date

Neha Khanna

Toni Rantanen

Chanell Chu

10/27/2021

10/25/2025